

SDN authentication with Marine-id user directory

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Marine-id

- A new flexible way of **registering users of marine data**
- How **transition** from previous user directory is managed
- **Perspectives**

Marine-ID

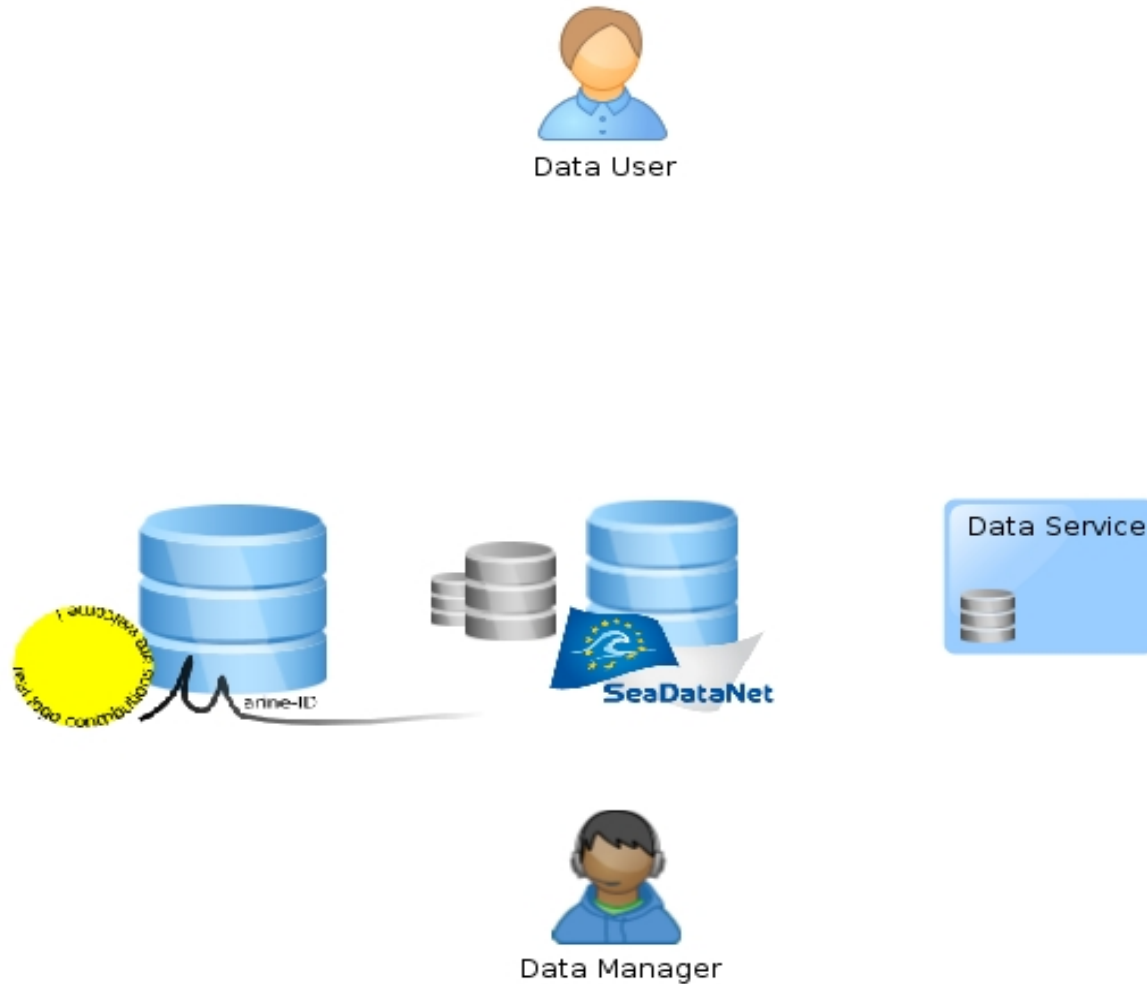
- Based on user **self services** for:
 - **Quick** Initial registration (free logins and passwords)
 - Update profile and password **anytime**
 - **Forgotten** password management
- Generic user information so that it can be **re-used by different projects or systems**:
 - SeaDataNet (on-going)
 - EMODNET (on-going)
 - Others: CORIOLIS, GOSUD (beta testers, done)
- **Up and running** since May 2014, before SDN users are in there 70 users registered

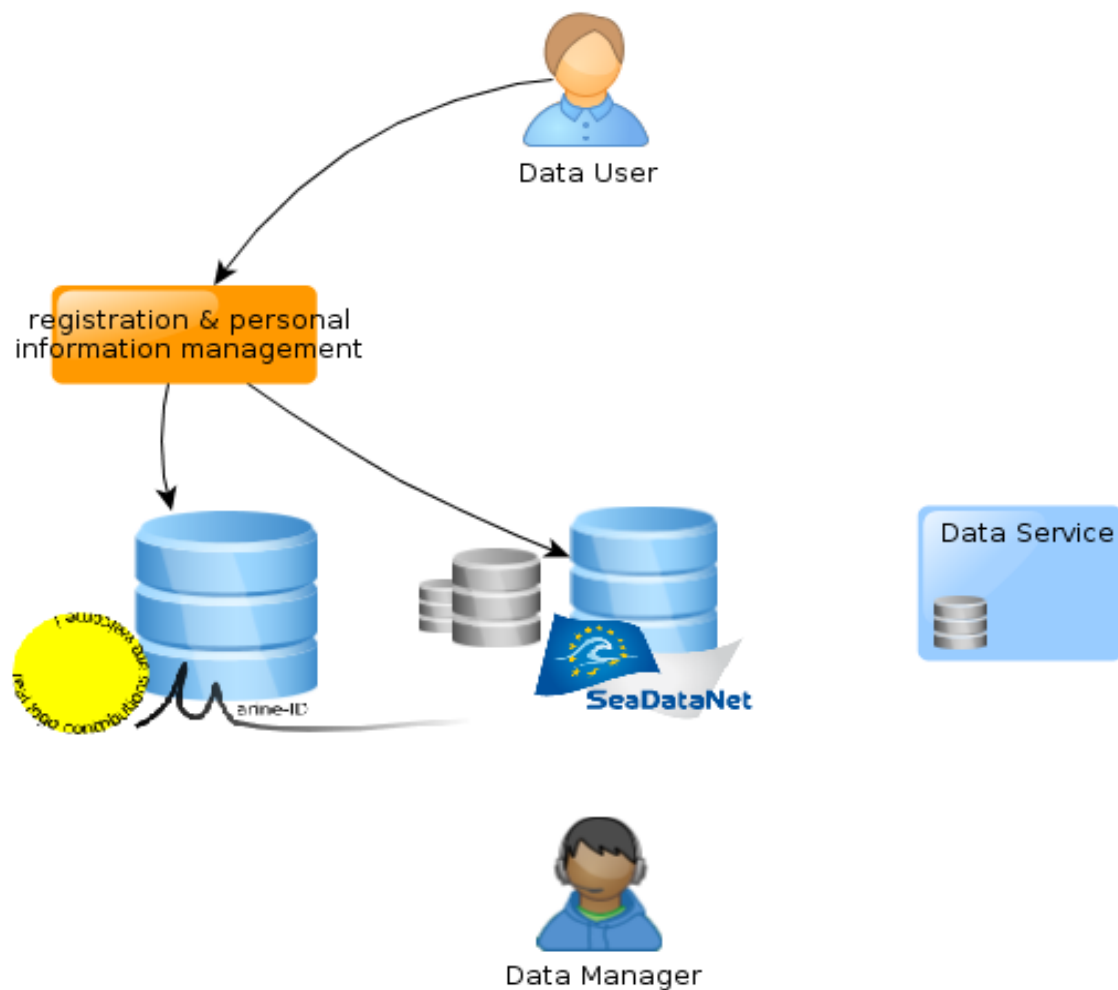
Components at stake

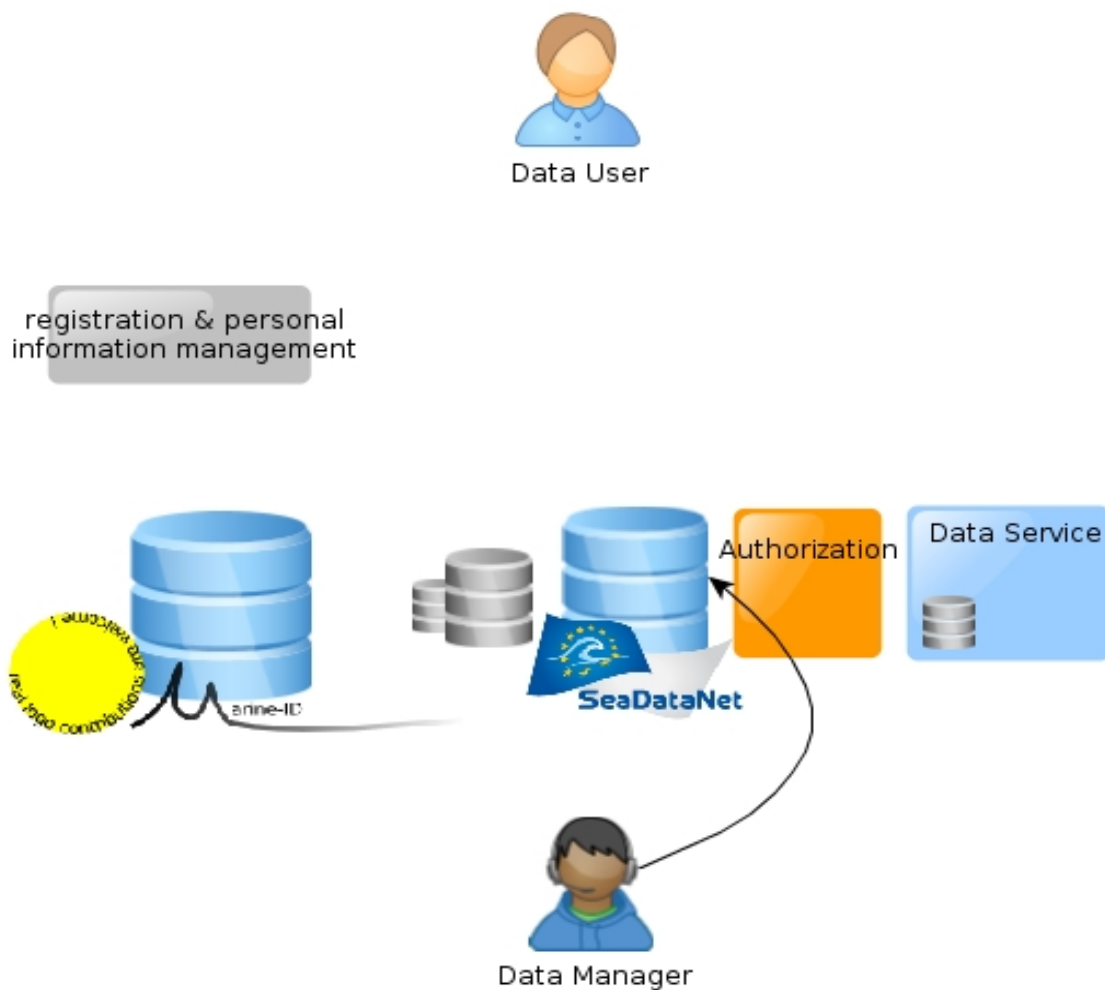
- A new **registration function** (PWM open-source software)
- Generic Marine-id **user directory** (LDAP as usual)
- **SDN users profiles** database (especially roles)
- **Authentication** system (still CAS)
- **Authorization** system (same as now)

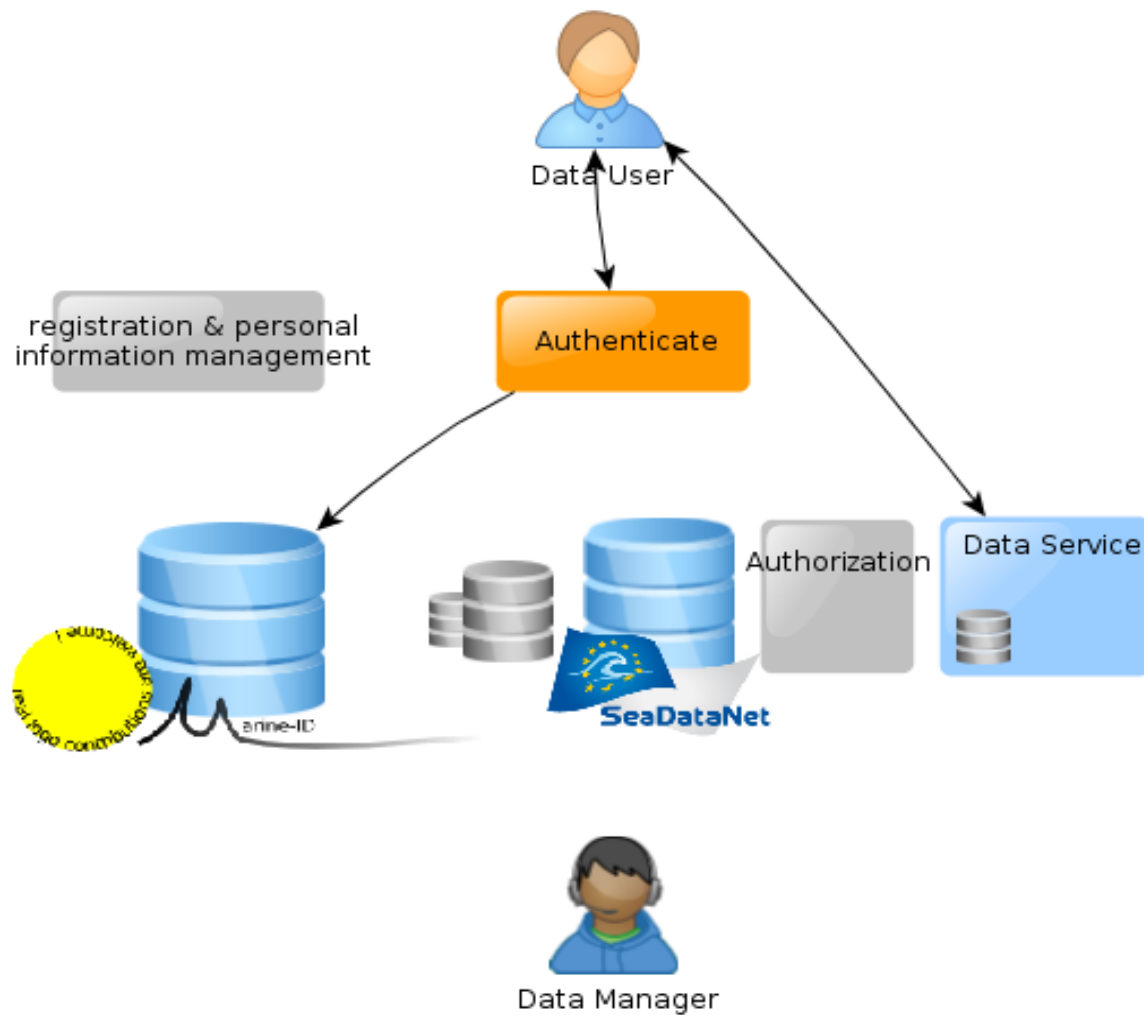


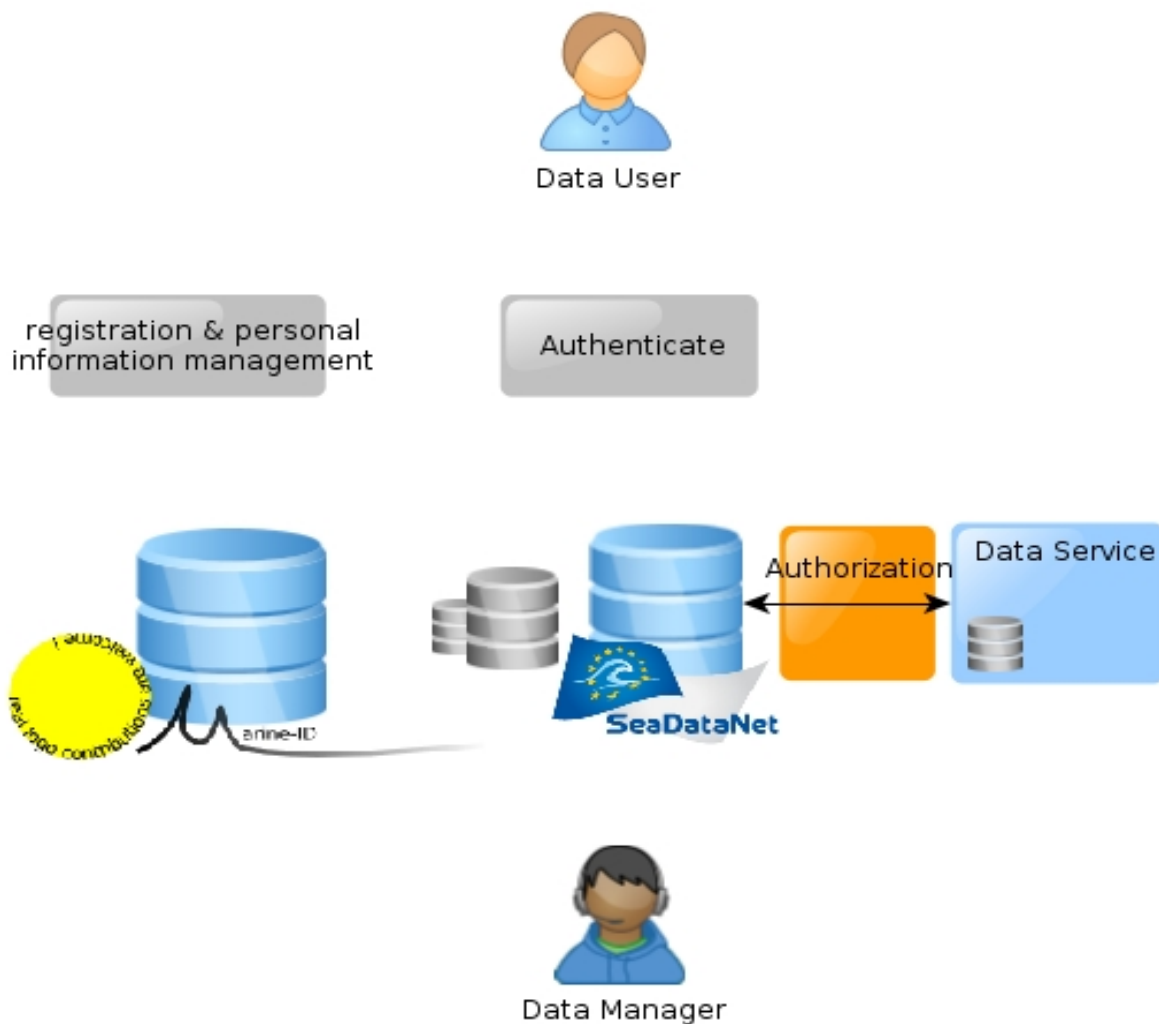
Plenary meeting, Split, Croatia, September 25th 2014





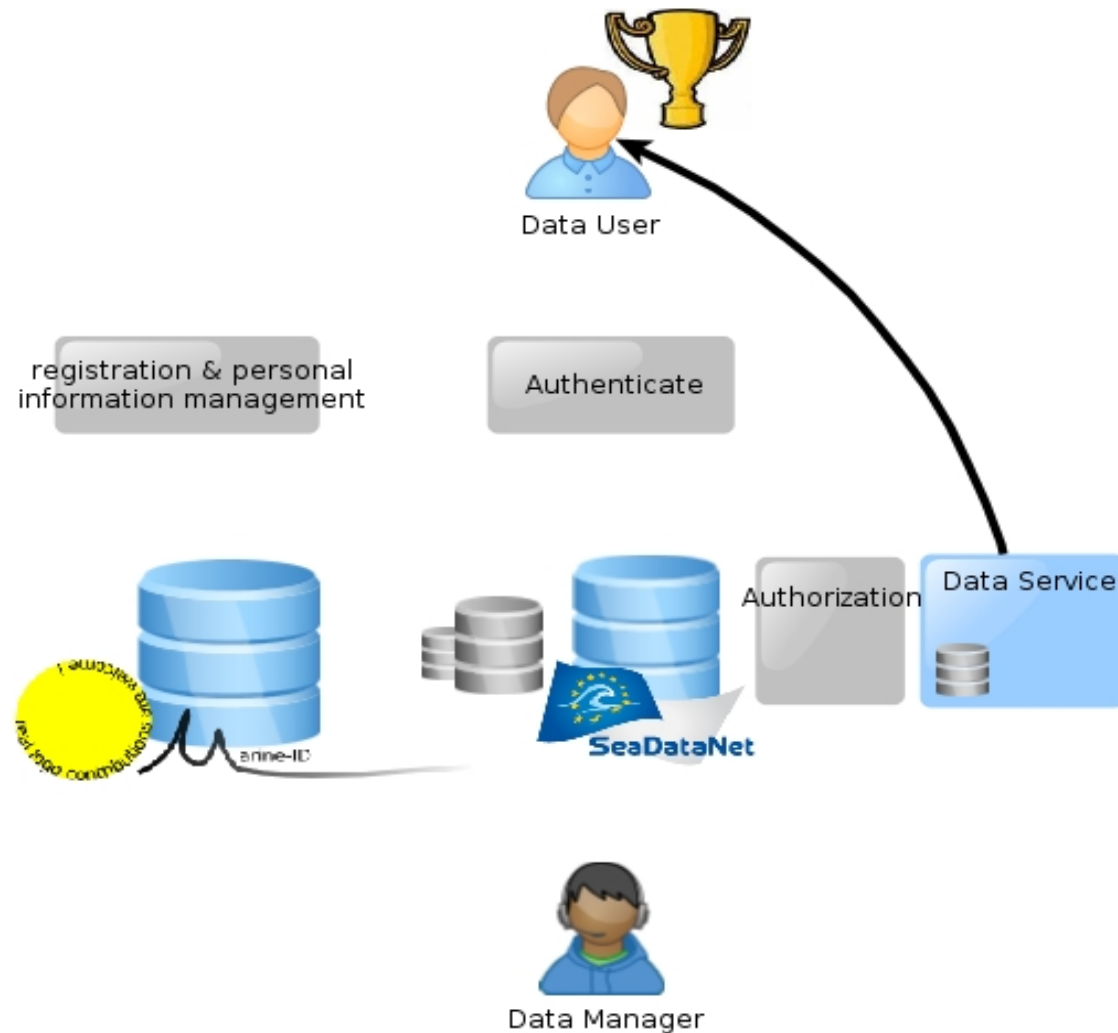








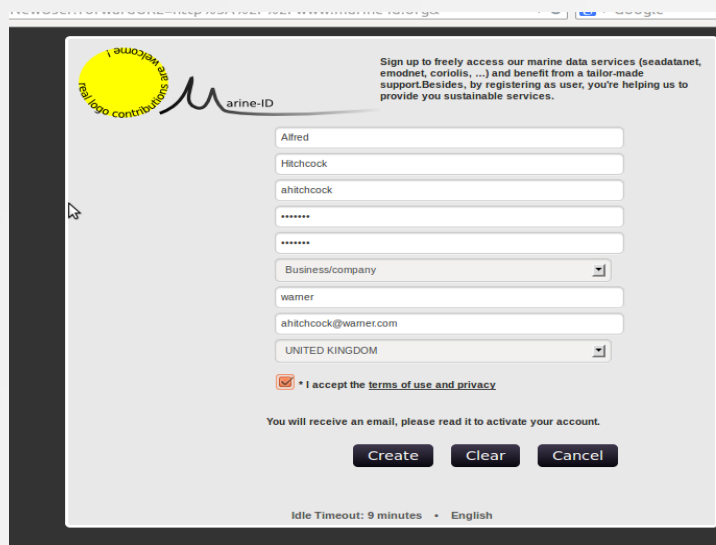
Plenary meeting, Split, Croatia, September 25th 2014



Registration scenario steps

Registration scenario steps

1. Personal Information



The screenshot shows a web browser window displaying the SeaDataNet registration form. The form is titled "Sign up to freely access our marine data services (seadatanet, emodnet, coriolis, ...) and benefit from a tailor-made support. Besides, by registering as user, you're helping us to provide you sustainable services." The form includes fields for Name (Alfred), Surname (Hitchcock), Email (ahitchcock), Password (*****), Confirm Password (*****), Business/company (dropdown), Username (wamer), Email (ahitchcock@wamer.com), and Country (UNITED KINGDOM). There is a checkbox for "I accept the terms of use and privacy" which is checked. Below the form, it says "You will receive an email, please read it to activate your account." and there are three buttons: "Create", "Clear", and "Cancel". At the bottom, it says "Idle Timeout: 9 minutes" and "English".

Sign up to freely access our marine data services (seadatanet, emodnet, coriolis, ...) and benefit from a tailor-made support. Besides, by registering as user, you're helping us to provide you sustainable services.

Personal Information

Name: Alfred

Surname: Hitchcock

Email: ahitchcock

Password: *****

Confirm Password: *****

Business/company: [dropdown]

Username: wamer

Email: ahitchcock@wamer.com

Country: UNITED KINGDOM [dropdown]

☒ I accept the [terms of use and privacy](#)

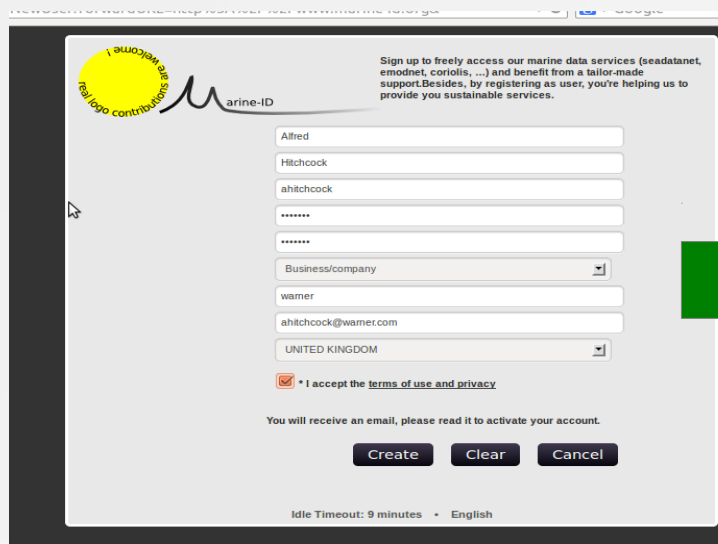
You will receive an email, please read it to activate your account.

Idle Timeout: 9 minutes • English

Registration scenario steps

1. Personal
Information

2. Confirm
email



The screenshot shows the registration form on the SeaDataNet website. It includes a welcome message, a sign-up form with fields for name, email, password, business/company, and country, and a checkbox for accepting terms and privacy. The form is titled 'Sign up to freely access our marine data services (seadatanet, emodnet, coriolis, ...) and benefit from a tailor-made support. Besides, by registering as user, you're helping us to provide you sustainable services.'

Sign up to freely access our marine data services (seadatanet, emodnet, coriolis, ...) and benefit from a tailor-made support. Besides, by registering as user, you're helping us to provide you sustainable services.

Personal Information Form:

- Name: Alfred Hitchcock
- Email: ahitchcock@warner.com
- Business/company: UNITED KINGDOM
- Country: UNITED KINGDOM
- Accept terms and privacy: ☒ I accept the [terms of use and privacy](#)

You will receive an email, please read it to activate your account.

Buttons: Create, Clear, Cancel

Idle Timeout: 9 minutes • English

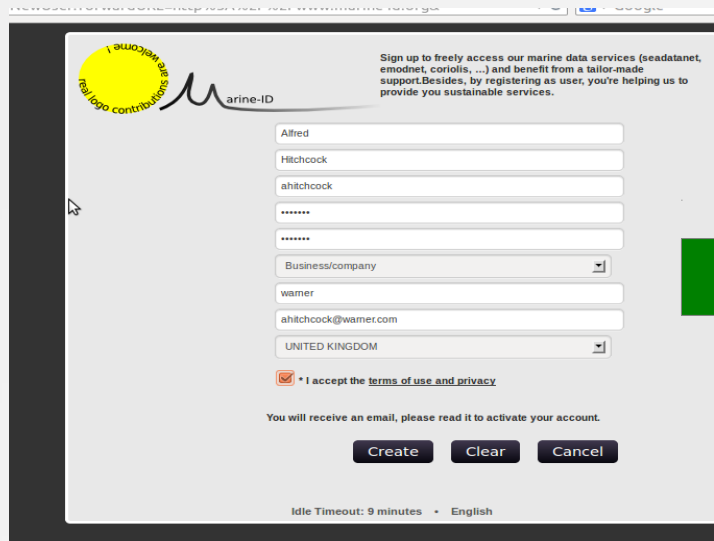
Confirm
email

Registration scenario steps

1. Personal
Information

2. Confirm
email

3. License
agreement



Sign up to freely access our marine data services (seadatanet, emodnet, coriolis, ...) and benefit from a tailor-made support. Besides, by registering as user, you're helping us to provide you sustainable services.

marine-ID

Alfred

Hitchcock

ahitchcock

Business/company

wamer

ahitchcock@wamer.com

UNITED KINGDOM

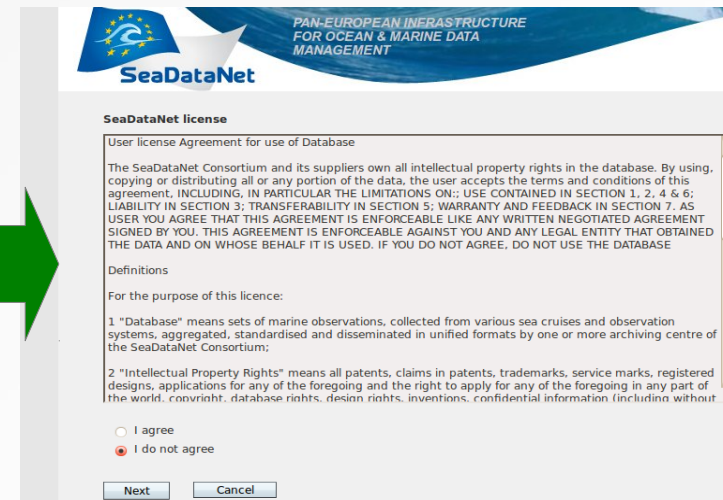
☒ I accept the [terms of use and privacy](#)

You will receive an email, please read it to activate your account.

Create Clear Cancel

Idle Timeout: 9 minutes • English

Confirm
email



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Definitions

For the purpose of this licence:

1 "Database" means sets of marine observations, collected from various sea cruises and observation systems, aggregated, standardised and disseminated in unified formats by one or more archiving centre of the SeaDataNet Consortium;

2 "Intellectual Property Rights" means all patents, claims in patents, trademarks, service marks, registered designs, applications for any of the foregoing and the right to apply for any of the foregoing in any part of the world, copyright, database rights, design rights, inventions, confidential information (including without

☐ I agree

☒ I do not agree

Next Cancel

Transition

- During transition: **marine-id auth. service is redirected on historic service.**
- Distributed **download managers are migrating** (new authentication service configuration)
- **Final migration step** scheduled end of 2014:
 - **Registration** is switched on Marine-ID. Previously registered users are migrated.
 - **Authentication** URL is switched to Marine-ID
 - SDN **Authorization** is upgraded to a Marine-ID compliant

Perspectives

- **Customer Relationship Management:** Better knowledge and support of the marine data users community: on-going experience
- Open SeaDataNet services to **communities with their own logins** (e.g. google through openid, GIANT through Shibboleth): **implemented in 2015**
- Offer more data services to marine-id registered users (e.g. MyOcean): **still pushing, difficulties because of user management policies**